

# POWER OF ATTORNEY OR REVOCATION OF POWER OF ATTORNEY WITH A NEW POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS

I hereby revoke all previous powers of attorney given in each of the applications listed below.

I hereby appoint Practitioner(s) associated with the following Customer Number as my/our attorney(s) or agent(s) to prosecute each of the applications listed below, and to transact all business in the United States Patent and Trademark Office connected therewith:

**12075**

Please recognize or change the correspondence address for each of the applications listed below to the address associated with the above-mentioned customer number.

Serial No.	Filed	Title	Docket No.
10/173,734	6/18/2002	Modular computing system	030120-000510US
10/391,360	3/18/2003	Component for use as a portable computing device and pointing device in a modular computing system	030120-000520US
12/010,434	1/24/2008	Component for use as a portable computing device and pointing device in a modular computing system	030120-000530US
11/348,996	2/7/2006	Modular computing system	030120-000540US
12/848,886	2/7/2006	Modular computing system	030120-000550US
11/367,246	3/2/2006	Modular computing system	030120-000560US
11/523,242	9/19/2006	Modular computing system	030120-000570US
12/189,687	8/11/2008	Computer docking system using hardware abstraction	030120-000580US
10/197,378	7/17/2002	Electronic device with integral connectors	030120-000610US
10/688,872	10/17/2003	Electronic device with integral connectors; divisional	030120-000620US
11/686,448	3/15/2007	Electronic device with integral connectors	030120-000630US
10/230,812	8/29/2002	Bi-directional DC power conversion system	030120-000710US
10/282,527	10/29/2002	Keyboard with variable-sized keys	030120-000810US
10/384,083	3/7/2003	Personal computing device having a single cell battery	030120-000910US
12/367,051	2/6/2009	Personal computing device having single-cell battery	030120-000920US
10/391,277	3/18/2003	Component for use as a portable computing device and pointing device	030120-001010US
10/831,758	4/23/2004	Blended transfer function for computer pointing devices	030120-001110US
11/837,154	8/10/2007	Blended transfer function for computer pointing devices	030120-001120US

**POWER OF ATTORNEY OR REVOCATION OF POWER OF ATTORNEY WITH A NEW  
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10/997,794	11/23/2004	Non-binding sliding display for a handheld electronic device	030120-001210US
11/841,695	8/20/2007	Non-binding sliding display for a handheld electronic device	030120-001220US
29/218,873	12/7/2004	Ultra personal computer with slidable monitor and thumb keyboard	030120-001300US
11/029,865	1/5/2005	Docking station for mobile computing device	030120-001410US
12/868,149	8/25/2010	Docking station for mobile computing device	030120-001420US
11/049,767	2/3/2005	Docking cable	030120-001510US
11/503,022	8/11/2006	Docking module comprising a DC charger	030120-001520US
11/778,686	7/17/2007	Docking cable	030120-001530US
11/234,477	9/22/2005	Multiple disparate wireless units sharing of antennas	030120-001610US
12/071,078	2/15/2008	Multiple disparate wireless units sharing of antennas	030120-001620US
11/251,595	10/13/2005	Interface between subsystem in a digital processing device	030120-001710US
11/835,383	8/7/2007	OPTIMIZATION OF SUBSYSTEM INTERCONNECTIONS IN AN ELECTRONIC DEVICE	030120-001720US
11/580,235	10/12/2006	Service Processor for controlling a user interface	030120-001810US
11/580,236	10/12/2006	Hybrid hardware/firmware multi-axis accelerometer for pointer control and user interface	030120-001910US
11/580,237	10/12/2006	Hybrid hardware/firmware multi-axis accelerometers for drop detect and tumble detect	030120-001920US
61/450,583	3/8/2011	Capacitive sensor	030120-002000US
61/006,344	1/7/2008	Capacitive sensor	030120-002001US
61/450,585	3/8/2011	Optical bonding using an optical cradle	030120-002100US
61/006,665	1/25/2008	Optical bonding using an optical cradle	030120-002101US
61/450,573	3/8/2011	Scheme for devoting unused system power to increased battery charge rate	030120-002200US
61/087,185	8/8/2008	Scheme for devoting unused system power to increased battery charge rate	030120-002201US
61/450,576	3/8/2011	Compact high-voltage generator	030120-002300US
61/087,188	8/8/2008	Compact high-voltage generator	030120-002301US
61/450,581	3/8/2011	Drift correction using out-of-band signaling	030120-002400US
61/087,290	8/8/2008	Drift correction using out-of-band signaling	030120-002401US
11/580,213	10/12/2006	Combined outflow portal for acoustic and thermal energy	030120-002510US
11/580,212	10/12/2006	Electromagnetic interference circuit package shield	030120-002520US

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11/580,238	10/12/2006	Single line dock status autoidentification	030120-002610US
12/879,213	9/10/2010	Single line dock status autoidentification	030120-002620US
11/650,395	1/5/2007	Method for protecting a connection in a computer docking assembly	030120-002710US
12/884,962	9/17/2010	A method for protecting a computer interface in a computer docking assembly	030120-002720US
29/270,870	1/5/2007	Computer Docking Assembly	030120-002800US
11/650,397	1/5/2007	Docking assembly for a computer and method	030120-002910US
12/851,098	8/5/2010	Docking assembly for a computer and method	030120-002920US
11/702,010	2/1/2007	Logical Battery Partitions	030120-003010US
12/982,162	12/30/2010	Logical battery partitions - continuation of 11/702,010	030120-003020US
29/280,732	6/5/2007	Open-configured computer docking assembly with two pivotal arms	030120-003100US
11/970,415	1/7/2008	Power source sensing and battery charging	030120-003210US
29/290,728	1/7/2008	Keyboard for handheld computing device	030120-003300US
12/034,598	2/20/2008	Screen condensation with heterogeneous display resolution	030120-003410US
12/044,892	3/7/2008	CHECKING ELECTRONIC MESSAGES FOR COMPLIANCE WITH USER INTENT	030120-003510US
12/756,435	4/8/2010	Checking electronic messages for compliance with user intent	030120-003520US
12/134,167	6/5/2008	Multi-use Light Indicators	030120-003610US
12/134,173	6/5/2008	User configuration for multi-use light indicators	030120-003710US
12/134,976	6/6/2008	Control of dual function input area	030120-003810US
12/134,980	6/6/2008	Computer display control using multiple input devices with different combinations of input functions	030120-003910US
12/136,643	6/10/2008	Data block compression using coalescion	030120-004010US
12/139,322	6/13/2008	Intelligent external display configuration on mobile devices	030120-004110US
12/163,936	6/27/2008	Computing with local and remote resources including user mode control	030120-004210US
12/163,940	6/27/2008	Selection of virtual computing resources using hardware model presentations	030120-004310US
12/163,942	6/27/2008	Computing with local and remote resources using automated optimization	030120-004410US
12/348,820	1/5/2009	User-operated directional controller for an electronic device	030120-004510US
12/350,004	1/7/2009	Keyboard for hand held computing device	030120-004610US
12/409,890	3/24/2009	Connector including electronic device	030120-004710US

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12/436,437	5/6/2009	Computer having interlocking L-shape components	030120-004810US
12/436,428	5/6/2009	Compact Antenna	030120-004910US
12/538,841	8/10/2009	Use of spatial high-pass filtering of images to increase perceived brightness of emissive display	030120-005010US
12/538,843	8/10/2009	Pixel-level power optimization for OLED displays	030120-005110US
12/538,846	8/10/2009	Selective dimming of OLED displays	030120-005210US
12/538,847	8/10/2009	Touch-typing keyboard for touch screens	030120-005310US
12/539,090	8/11/2009	Mechanical mechanism for revealing keyboard in L-shaped, 2-part system	030120-005410US
12/554,813	9/4/2009	Multilayer Compact Antenna	030120-005510US
61/454,955	3/21/2011	Accident prevention system for vehicle-mounted electronic devices	030120-005600US
61/087,190	8/8/2008	Accident prevention system for vehicle-mounted electronic devices	030120-005601US
61/454,958	3/21/2011	Drift correction using out-of-band signaling	030120-005700US
61/087,871	8/11/2008	Drift correction using out-of-band signaling	030120-005701US
61/454,959	3/21/2011	Improving GPS accuracy through combinations of spatial/polarization diversity	030120-005800US
61/087,765	8/11/2008	Improving GPS accuracy through combinations of spatial/polarization diversity	030120-005801US
61/454,960	3/21/2011	Integration of antenna airspace with speaker resonant chambers	030120-005900US
61/087,800	8/11/2008	Integration of antenna airspace with speaker resonant chambers	030120-005901US
61/454,962	3/21/2011	Use of cold-tolerant components to preheat other components before use	030120-006000US
61/087,767	8/11/2008	Use of cold-tolerant components to preheat other components before use	030120-006001US
61/454,964	3/21/2011	Accelerometer enabled tap detect	030120-006100US
61/087,769	8/11/2008	Accelerometer enabled tap detect	030120-006101US
61/454,965	3/21/2011	Adaptive sizing of logical key regions in onscreen keyboards	030120-006200US
61/087,798	8/11/2008	Adaptive sizing of logical key regions in onscreen keyboards	030120-006201US
61/454,983	3/21/2011	Computer components as RF antennas	030120-006300US
61/087,805	8/11/2008	Computer components as antennas	030120-006301US
61/454,974	3/21/2011	TDMA charging algorithm for systems with multiple batteries and one charger	030120-006400US
61/087,284	8/8/2008	TDMA charging algorithm for systems with multiple batteries and one charger	030120-006401US
61/454,976	3/21/2011	Using the heat sink as an antenna	030120-006500US
61/087,186	8/8/2008	Using the heat sink as an antenna	030120-006501US

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
61/454,977	3/21/2011	Automatic control of window position	030120-006600US
61/087,288	8/8/2008	Automatic control of window position	030120-006601US
61/454,979	3/21/2011	Multipurpose orifices for electronic devices	030120-006700US
61/087,289	8/8/2008	Multipurpose orifices for electronic devices	030120-006701US
61/454,981	3/21/2011	Dynamic display partitioning between dominant and subordinate processors	030120-006800US
61/087,184	8/8/2008	Dynamic display partitioning between dominant and subordinate processors	030120-006801US
61/454,984	3/21/2011	Vibrating alert for massive portable devices	030120-006900US
61/087,187	8/8/2008	Vibrating alert for massive portable devices	030120-006901US
61/454,978	3/21/2011	Scheme for devoting unused system power to increased battery charge rate	030120-007000US
61/087,868	8/11/2008	Scheme for devoting unused system power to increased battery charge rate	030120-007001US
61/454,953	3/21/2011	Extremely thin capacitive pointing device	030120-007100US
61/087,283	8/8/2008	Extremely thin capacitive pointing device	030120-007101US
61/454,706	3/21/2011	Headphone Connection System for Harsh Environments	030120-007200US
61/073,029	6/17/2008	Headphone Connection System for Harsh Environments	030120-007201US
61/454,697	3/21/2011	Rugged frame for portable electronic device	030120-007300US
61/073,025	6/16/2008	Rugged frame for portable electronic device	030120-007301US
61/454,687	3/21/2011	Deceleration of input for movement of a pointer on a display	030120-007400US
61/086,451	8/5/2008	Deceleration of input for movement of a pointer on a display	030120-007401US
61/454,681	3/21/2011	Compressing video streams containing scrolling windows	030120-007500US
61/087,924	8/11/2008	Compressing scrolling windows	030120-007501US
61/454,678	3/21/2011	Hybrid memory system for state protection and hibernation	030120-007600US
61/087,494	8/8/2008	Hybrid memory system for state protection and hibernation	030120-007601US
61/454,673	3/21/2011	Modulating data transfer in response to available bandwidth	030120-007700US
61/087,125	8/7/2008	Modulating data transfer in response to available bandwidth	030120-007701US
61/469,418	3/30/2011	Compressing images containing sparse graphics	030120-007800US
61/087,960	8/11/2008	Compressing images containing sparse graphics	030120-007801US
11/234,860	9/23/2005	Coating of a cosmetic finish applied to a metallic surface	
12/245,108	10/3/2008	COATING OF A COSMETIC FINISH APPLIED TO A METALLIC SURFACE	

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11/247,078	10/11/2005	One-touch backup system	
11/248,987	10/12/2005	Voltage ID conversion system for programmable power supplies	
10/385,133	3/10/2003	Screw and Screw Driver	
10/864,920	6/10/2004	Screw and screw driver	
10/864,982	6/10/2004	Screw and screw driver	
11/050,901	2/6/2005	Screw and screw driver	
11/029,559	1/5/2005	Connector including electronic device	
61/073,031	6/17/2008	Touch Panel	
61/087,862	8/11/2008	RFID tag as master	
61/087,771	8/11/2008	Personal area wireless power using spread-spectrum magnetic resonance	
61/087,797	8/11/2008	Extension of RFID protocol to enable reader-to-reader communication	
61/087,770	8/11/2008	Piezoelectric voltage reduction for HV capacitors	
61/087,857	8/11/2008	Compact high-voltage generator	

I am the assignee of record of the entire interest.

A Statement under 37 C.F.R. §3.73(b) is submitted herewith.

SIGNATURE of Assignee of Record			
Signature		Date	5/8/2011
Name	Donald Harrison	Telephone	1 650-253-6646
Title and Company	Vice President, Deputy General Counsel, and Assistant Secretary of Google Inc.		

